

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	55	Takehara-Shint\$4.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 08:06
S2	30174	KABUSHIKI adj KAISHA adj TOSHIBA.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 08:06
S3	322	S2 (disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 08:13
S4	222	(369/44.36).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 08:43
S5	287	(369/124.01).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:02
S6	130	(369/124.04).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:12
S7	107	(369/124.05).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:24

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S8	35	(369/124.09).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:30
S9	157	(369/124.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:43
S10	114	(369/124.12).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 10:04
S11	107	(369/124.13).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 13:23
S12	127	(369/124.15).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 10:13
S13	933	(369/44.26).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 12:25
S14	248	S13 (disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:06

## EAST Search History

S15	435	S13 "tracking error signal"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 10:56
S16	27	S13 "tracking error signal" (HPF or (high near pass near filter)) (LPF or (low near pass near filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:20
S17	8	S13 (track\$4 near error) (frequency-gain or frequencygain or (frequency adj gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:23
S18	964	(369/44.29).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 12:05
S19	205	S18 (disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:25
S20	77	S18 "tracking error signal" (HPF or (high near pass near filter)) (LPF or (low near pass near filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:32
S21	59	S18 (track\$4 near error) (frequency-gain or frequencygain or (frequency adj gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:42

## EAST Search History

S22	756	(369/44.35).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 12:44
S23	119	S22 (disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:44
S24	36	S22 "tracking error signal" (HPF or (high near pass near filter)) (LPF or (low near pass near filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:02
S25	21	S22 (track\$4 near error) (frequency-gain or frequencygain or (frequency adj gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:04
S26	756	(369/44.41).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 12:44
S27	266	S26 (disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 12:44
S28	21	S26 "tracking error signal" (HPF or (high near pass near filter)) (LPF or (low near pass near filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:03

## EAST Search History

S29	8	S26 (track\$4 near error) (frequency-gain or frequencygain or (frequency adj gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:05
S30	2332	(369/275.4).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 13:11
S31	252	S30 (disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector))(track\$4 near error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:17
S32	3	S30 (HPF or (high near pass near filter)) (LPF or (low near pass near filter)) binariz\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:19
S33	3	S30 "tracking error signal detector"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:19
S34	1515	(369/124.01-124.15).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 13:23
S35	134	S34 (disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector)) (track\$4 near error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:31

## EAST Search History

S36	19	S34 (HPF or (high near pass near filter)) (LPF or (low near pass near filter)) binariz\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:35
S37	1	S34 "tracking error signal detector"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:36
S38	18	(JP-2003045083-\$, JP-2000011453-\$, JP-08147724-\$, JP-2001093232-\$, EP-1067525-\$, JP-2001034969-\$).DID. ("5808979", "6266303", "6707772", "6262954"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 13:44
S39	139	"tracking error signal detector"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 13:52
S40	3	(track\$4 near error) (equaliz\$6 near unit) (frequency-gain or frequencygain or (frequency adj gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:56
S41	1	(track\$4 near error) (equaliz\$6 near2 unit) (binariz\$6 near2 circuit) frequency attenuation gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 15:09
S42	3	(track\$4 near error).(equaliz\$6 near2 unit) (binariz\$6 near2 circuit) frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:58

## EAST Search History

S43	1	(disc or disk) (pit or mark) (photosensor or photo-sensor or (photo adj sensor) or photodetector or photo-detector (photo adj detector))(track\$4 near error) (equaliz\$6 near2 unit) (binariz\$6 near2 circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 13:59
S44	2	(disc or disk) (pit or mark) (track\$4 near error) (equaliz\$6 near2 unit) (binariz\$6 near2 circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 14:00
S45	33	(track\$4 near error) (HPF or (high near pass near filter)) (LPF or (low near pass near filter)) (binariz\$6 near2 circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 14:04
S46	6	("5511063"   "5631891"   "5808979"   "5914925"   "5978322"   "6339567").PN. OR ("7102967").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 14:02
S47	172	(track\$4 near error) (transfer near2 function)(HPF or (high near pass near filter)) (LPF or (low near pass near filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 14:07
S48	10	("4667315"   "5325247"   "5566378"   "5610487"   "5880953"   "6088187"   "6198246"   "6246536"   "6434096").PN. OR ("6847598").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 14:10
S49	229	(track\$4 near error) (phas\$3 near3 differenc\$4) frequency (HPF or (high near pass near filter)) (LPF or (low near pass near filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/29 15:18
S50	2	"4785441".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 07:13

## EAST Search History

S51	17	("4467462"   "4488276"   "4740940"   "4785441"   "5005163"   "5130963"   "5132948"   "5210732"   "5436877").PN. OR ("5808979"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 10:37
S52	2	("5258968"   "6236628").PN. OR ("6937547").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 11:20